

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083468.D
 Acq On : 3 Dec 2015 19:18
 Operator : UM/IZ
 Sample : G4573-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K207-0-2

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.841	98	101	113	rVB	379144	766024	13.22%	0.973%
2	4.624	254	257	268	rBV	935199	1705644	29.43%	2.166%
3	4.819	268	274	276	rBV	91721	260298	4.49%	0.331%
4	4.967	285	287	291	rVB	76764	110895	1.91%	0.141%
5	5.116	297	300	309	rBV	3486006	4111756	70.95%	5.222%
6	5.767	355	357	360	rVB	87589	110259	1.90%	0.140%
7	5.950	368	373	378	rBV4	56423	119941	2.07%	0.152%
8	6.156	389	391	393	rBV	179439	168265	2.90%	0.214%
9	6.202	393	395	402	rBV	3724649	4427757	76.40%	5.623%
10	6.304	402	404	406	rBV	4203805	4273302	73.74%	5.427%
11	6.522	421	423	426	rBV	1074916	1104528	19.06%	1.403%
12	6.682	435	437	440	rBV	3365853	3305901	57.04%	4.199%
13	7.024	460	467	469	rVV	468818	1130701	19.51%	1.436%
14	7.105	471	474	476	rVV	2800249	3029045	52.27%	3.847%
15	7.150	476	478	481	rVB	1541857	1693521	29.22%	2.151%
16	7.276	486	489	491	rVV	159652	215550	3.72%	0.274%
17	7.562	512	514	516	rVB	146947	122988	2.12%	0.156%
18	7.630	516	520	526	rVB5	111453	274133	4.73%	0.348%
19	7.733	526	529	531	rBV	248415	353477	6.10%	0.449%
20	7.813	534	536	540	rBV	1501926	1486231	25.65%	1.888%
21	7.950	545	548	552	rBV	509026	598116	10.32%	0.760%
22	8.213	568	571	573	rBV	51665	85915	1.48%	0.109%
23	8.430	585	590	592	rBV2	129409	203834	3.52%	0.259%
24	8.533	596	599	601	rBV2	62270	110655	1.91%	0.141%
25	8.590	601	604	606	rBV4	93983	166423	2.87%	0.211%
26	8.865	626	628	629	rBV	175774	203698	3.51%	0.259%
27	8.899	629	631	633	rVB	4776714	4449339	76.77%	5.651%
28	9.219	657	659	661	rBV	318356	348916	6.02%	0.443%
29	9.299	663	666	668	rBV	1564396	1475039	25.45%	1.873%
30	9.402	673	675	679	rBV3	179138	296828	5.12%	0.377%
31	9.516	683	685	686	rBV	180779	152409	2.63%	0.194%
32	9.562	686	689	691	rVV	1640391	1968436	33.97%	2.500%
33	9.688	697	700	702	rVB2	103737	130159	2.25%	0.165%
34	9.768	702	707	709	rBV4	46485	105261	1.82%	0.134%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083468.D
 Acq On : 3 Dec 2015 19:18
 Operator : UM/IZ
 Sample : G4573-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K207-0-2

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.019	722	729	731	rBV4	175072	386299	6.67%	0.491%
36	10.076	731	734	735	rVV2	145068	161872	2.79%	0.206%
37	10.236	742	748	749	rBV2	75414	168903	2.91%	0.215%
38	10.351	755	758	760	rVB	2249492	2578931	44.50%	3.275%
39	10.488	769	770	775	rVB	218096	309033	5.33%	0.392%
40	10.591	777	779	781	rBV2	101553	143188	2.47%	0.182%
41	10.739	790	792	795	rBV2	204853	313314	5.41%	0.398%
42	10.785	795	796	799	rVV	251149	311137	5.37%	0.395%
43	10.831	799	800	803	rVB2	73147	94290	1.63%	0.120%
44	10.979	809	813	815	rVV2	157532	336936	5.81%	0.428%
45	11.093	820	823	825	rBV	1426547	1594040	27.51%	2.024%
46	11.402	847	850	853	rVV3	310335	417163	7.20%	0.530%
47	11.494	856	858	861	rVB3	109892	185931	3.21%	0.236%
48	11.699	872	876	877	rBV2	175688	289030	4.99%	0.367%
49	11.756	877	881	883	rVV	928868	1630014	28.13%	2.070%
50	11.802	883	885	889	rVB	1245179	1970158	34.00%	2.502%
51	12.019	901	904	908	rVB	78030	137144	2.37%	0.174%
52	12.145	913	915	919	rVB	597412	694419	11.98%	0.882%
53	12.419	936	939	942	rBV2	110015	210101	3.63%	0.267%
54	12.476	942	944	947	rVV2	104599	153723	2.65%	0.195%
55	12.568	948	952	954	rVV2	74927	153409	2.65%	0.195%
56	12.614	954	956	958	rVB	165165	201792	3.48%	0.256%
57	12.671	958	961	963	rBV	903088	1008714	17.41%	1.281%
58	12.717	963	965	966	rVV2	102978	143257	2.47%	0.182%
59	12.751	966	968	976	rVB	273955	640079	11.04%	0.813%
60	12.865	976	978	981	rBV	498802	866125	14.95%	1.100%
61	12.922	981	983	986	rVB2	148749	240981	4.16%	0.306%
62	13.185	1002	1006	1008	rBV	1985762	3095900	53.42%	3.932%
63	13.414	1024	1026	1031	rVB4	52122	90128	1.56%	0.114%
64	13.562	1035	1039	1041	rBV3	82959	186327	3.22%	0.237%
65	13.928	1068	1071	1073	rVV4	81165	182357	3.15%	0.232%
66	13.974	1073	1075	1078	rVB3	60297	102467	1.77%	0.130%
67	14.317	1101	1105	1108	rBV5	49812	136539	2.36%	0.173%
68	14.385	1109	1111	1114	rVB	72612	110729	1.91%	0.141%
69	14.465	1114	1118	1121	rBV3	173476	453022	7.82%	0.575%
70	14.522	1121	1123	1126	rVB	130185	169158	2.92%	0.215%
71	14.614	1129	1131	1136	rVB2	238240	507090	8.75%	0.644%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083468.D
 Acq On : 3 Dec 2015 19:18
 Operator : UM/IZ
 Sample : G4573-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K207-0-2

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.705	1136	1139	1142	rBV	821355	1229467	21.21%	1.561%
73	14.820	1147	1149	1151	rVV2	106463	215468	3.72%	0.274%
74	14.854	1151	1152	1156	rVB	176001	270756	4.67%	0.344%
75	15.482	1204	1207	1212	rBV4	133562	260440	4.49%	0.331%
76	15.631	1217	1220	1223	rVV	358630	568897	9.82%	0.723%
77	15.723	1226	1228	1234	rVB3	86218	160932	2.78%	0.204%
78	16.111	1260	1262	1266	rBV3	63674	157234	2.71%	0.200%
79	16.191	1266	1269	1272	rVB	253177	337053	5.82%	0.428%
80	16.248	1272	1274	1276	rBV2	126046	255133	4.40%	0.324%
81	16.294	1276	1278	1281	rVV	265323	416942	7.19%	0.530%
82	16.363	1281	1284	1289	rVB2	213886	369173	6.37%	0.469%
83	16.568	1299	1302	1311	rBV2	1212824	2794130	48.21%	3.549%
84	16.705	1312	1314	1317	rVV3	128641	306423	5.29%	0.389%
85	16.774	1317	1320	1327	rVB	610425	1009431	17.42%	1.282%
86	17.014	1337	1341	1342	rBV2	171021	322139	5.56%	0.409%
87	17.208	1356	1358	1361	rVB	106164	150742	2.60%	0.191%
88	17.460	1376	1380	1386	rBV	3091451	5795384	100.00%	7.360%
89	17.643	1394	1396	1399	rBV3	75118	151115	2.61%	0.192%
90	17.894	1415	1418	1420	rBV	100468	209978	3.62%	0.267%
91	18.123	1436	1438	1443	rBV2	150102	306239	5.28%	0.389%
92	18.214	1444	1446	1453	rVB6	108980	259294	4.47%	0.329%
93	18.351	1455	1458	1459	rBV	159185	281620	4.86%	0.358%
94	18.386	1459	1461	1465	rVB	285516	502343	8.67%	0.638%
95	18.454	1465	1467	1471	rBV4	68910	149212	2.57%	0.190%
96	18.694	1484	1488	1491	rBV	318136	780418	13.47%	0.991%
97	19.311	1538	1542	1554	rVB7	126961	654470	11.29%	0.831%
98	19.529	1557	1561	1565	rBV3	179535	519170	8.96%	0.659%
99	19.883	1588	1592	1596	rVB4	105597	331551	5.72%	0.421%
100	20.329	1627	1631	1640	rVB6	145048	534419	9.22%	0.679%

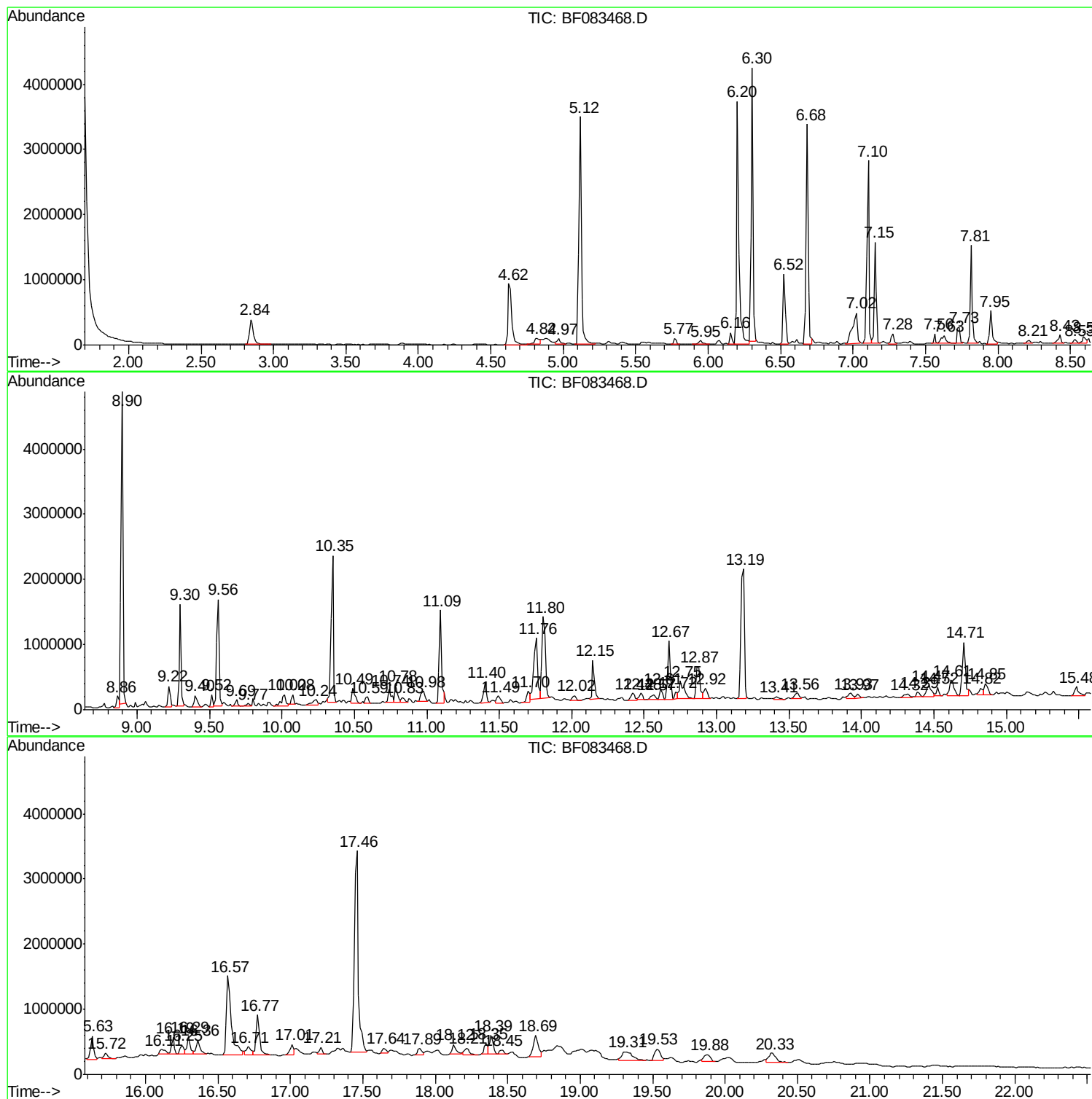
Sum of corrected areas: 78738517

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
K207-0-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

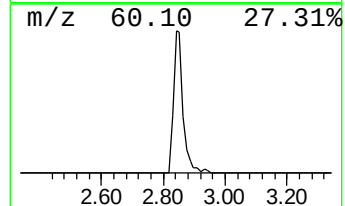
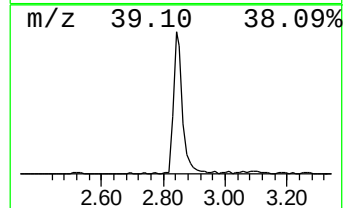
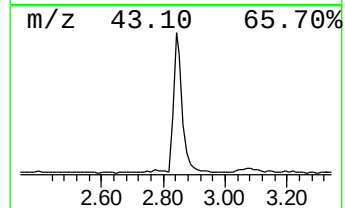
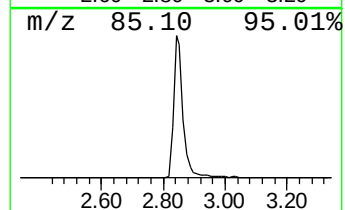
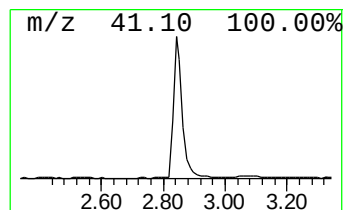
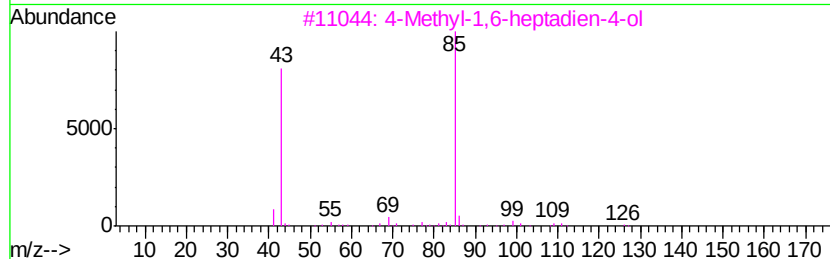
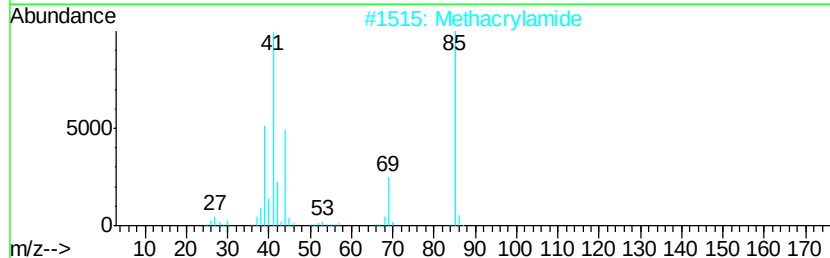
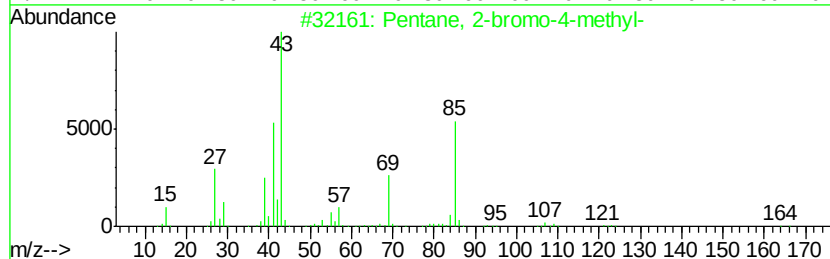
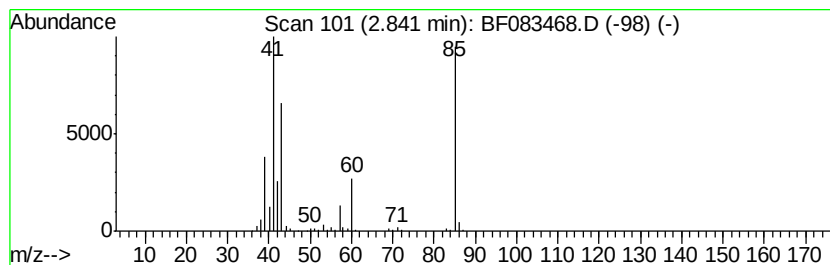
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown2.84 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	13.87 ng	766024	1,4-Dichlorobenzene-d4	6.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	28
2		Methacrylamide	85	C4H7NO	000079-39-0	25
3		4-Methyl-1,6-heptadien-4-ol	126	C8H14O	025201-40-5	25
4		2,2-Dimethylvaleroyl chloride	148	C7H13ClO	015721-22-9	25
5		Thiazole	85	C3H3NS	000288-47-1	17



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

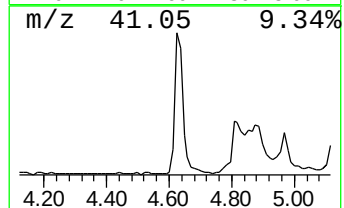
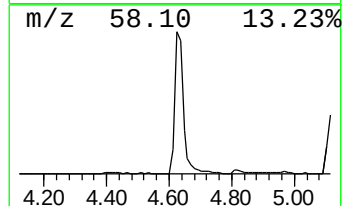
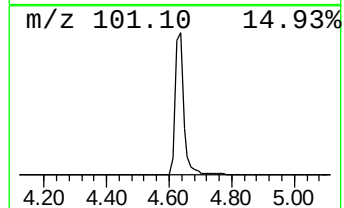
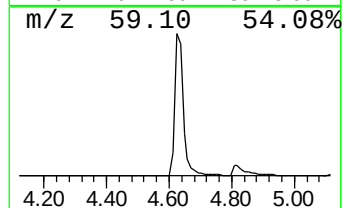
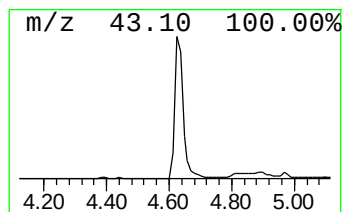
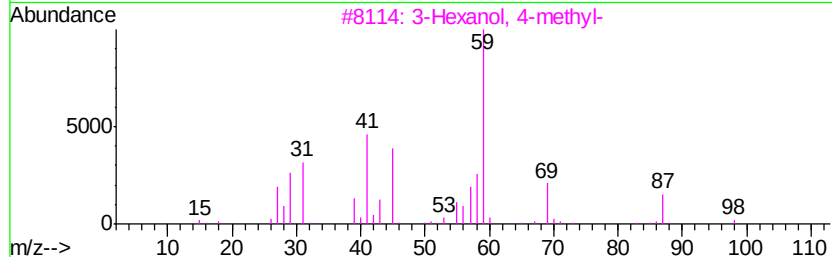
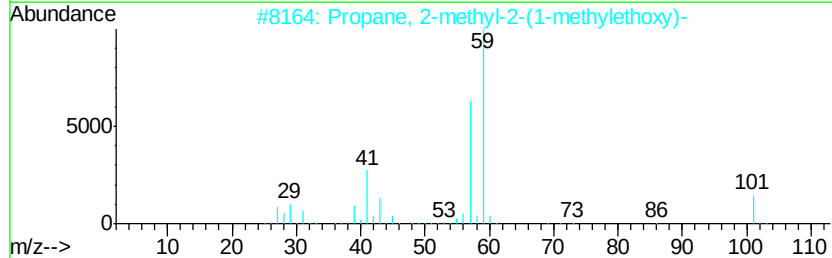
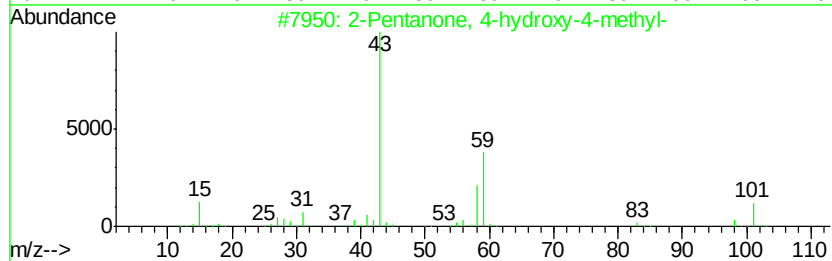
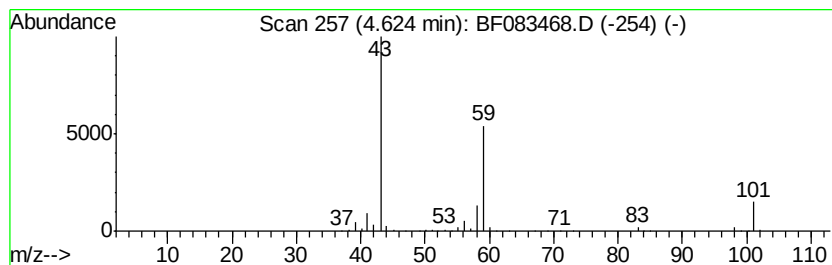
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown4.62 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	30.88 ng	1705640	1,4-Dichlorobenzene-d4	6.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

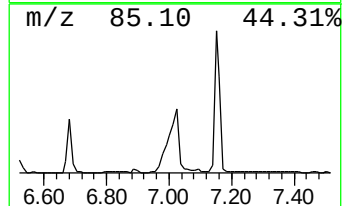
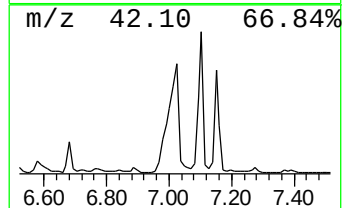
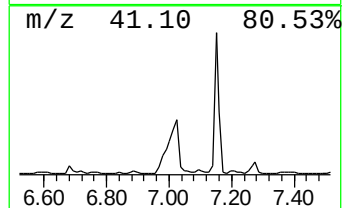
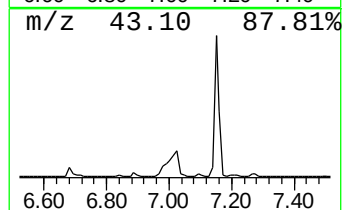
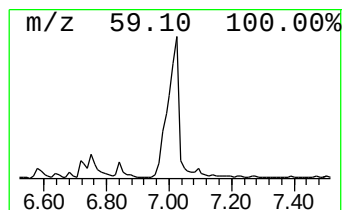
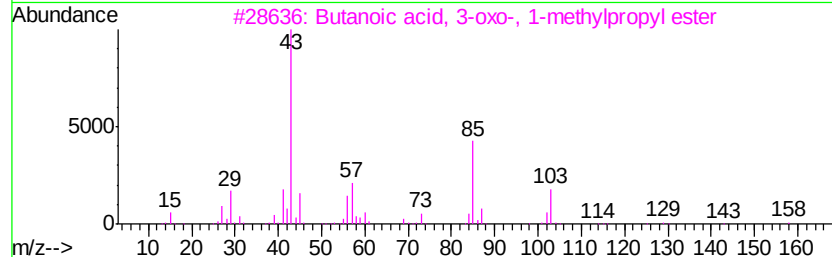
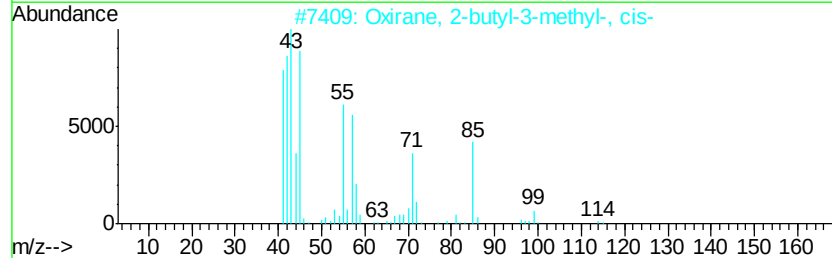
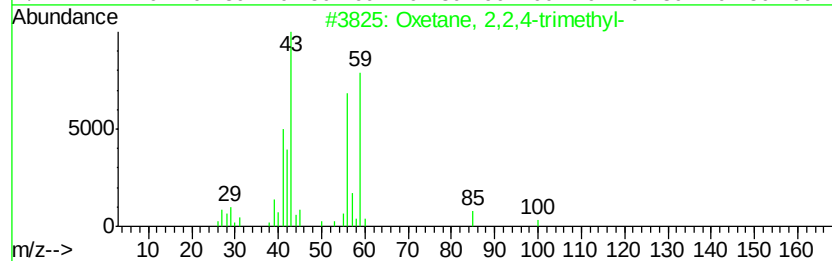
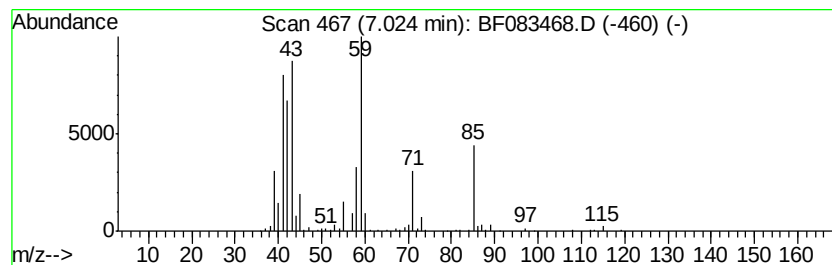
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown7.02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	20.47 ng	1130700	1,4-Dichlorobenzene-d4	6.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	28
2		Oxirane, 2-butyl-3-methyl-, cis-	114	C7H14O	056052-93-8	25
3		Butanoic acid, 3-oxo-, 1-methylpropyl ester	158	C8H14O3	013562-76-0	22
4		Silane, dimethyl-	60	C2H8Si	001111-74-6	17
5		Butanoic acid, 2-hydroxy-	104	C4H8O3	000565-70-8	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

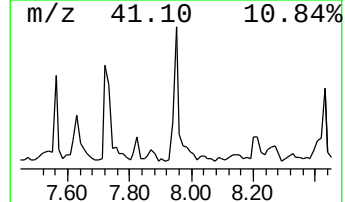
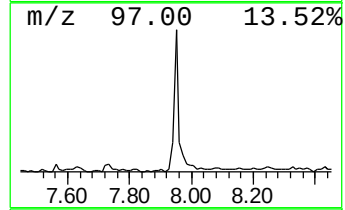
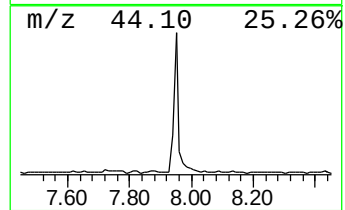
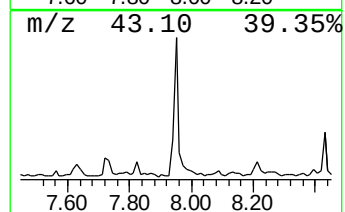
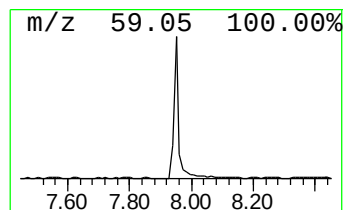
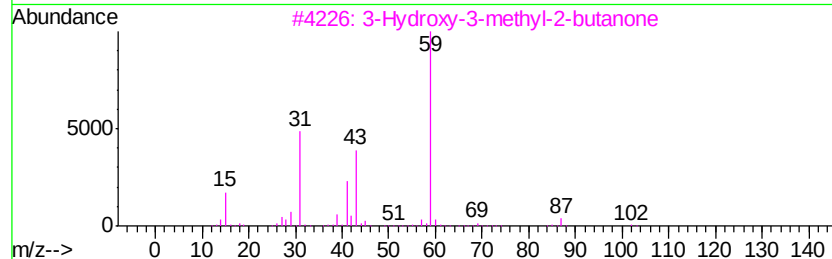
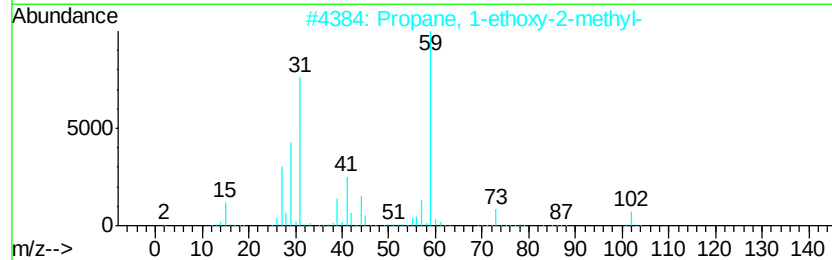
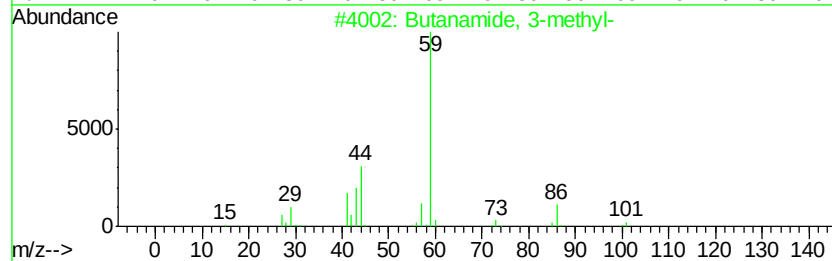
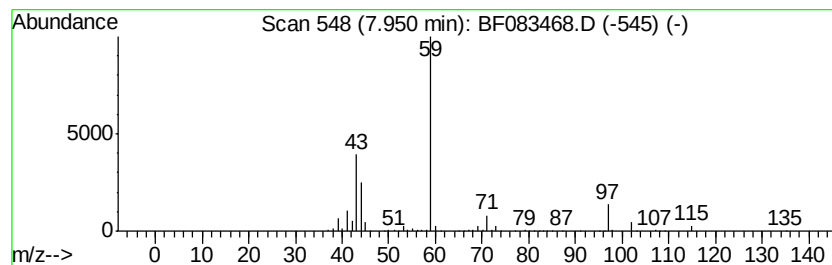
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown7.95 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	8.05 ng	598116	Naphthalene-d8	7.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	38
2		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	36
3		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	36
4		Butanamide	87	C4H9NO	000541-35-5	36
5		Guanidine	59	CH5N3	000113-00-8	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

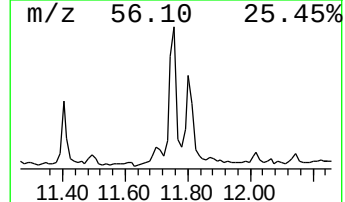
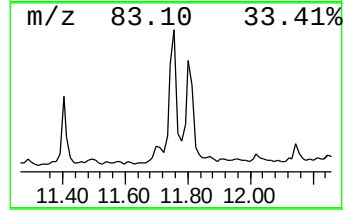
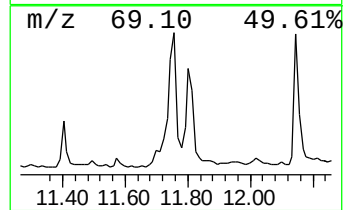
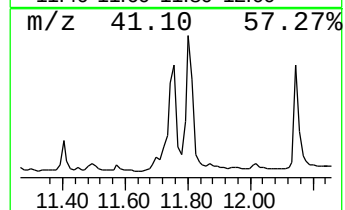
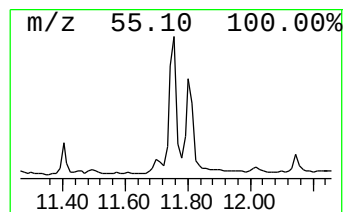
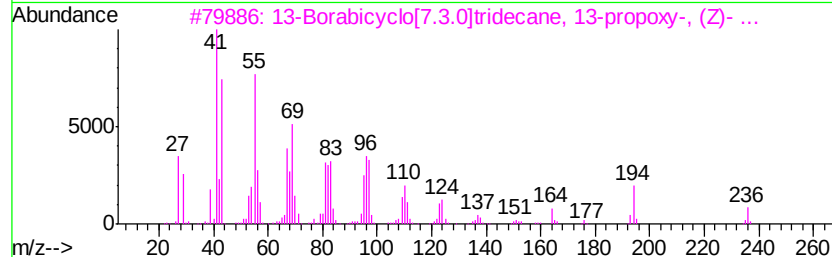
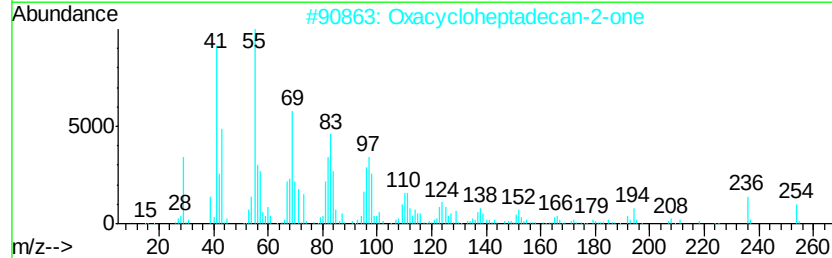
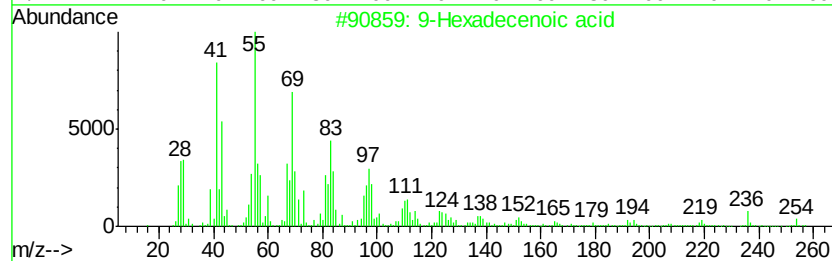
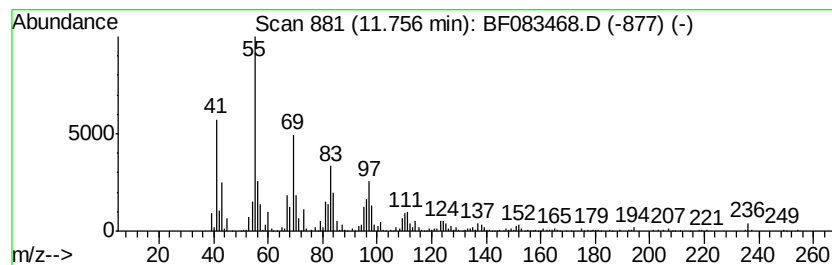
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9-Hexadecenoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	20.45 ng	1630010	Phenanthrene-d10	11.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	90
2		Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	90
3		13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29B0	1000156-41-7	83
4		Myristoleic acid	226	C14H26O2	000544-64-9	83
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

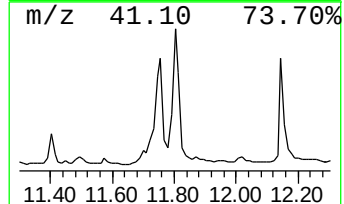
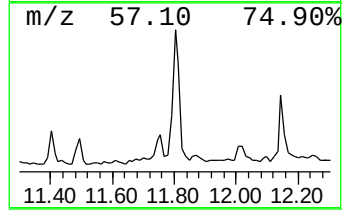
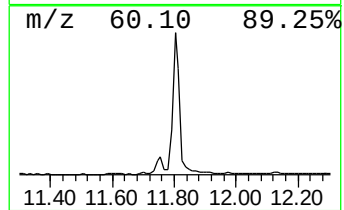
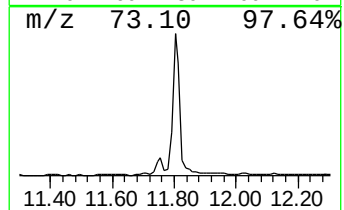
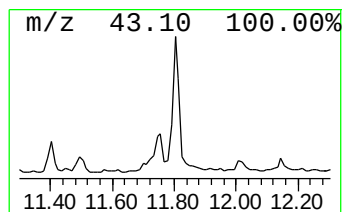
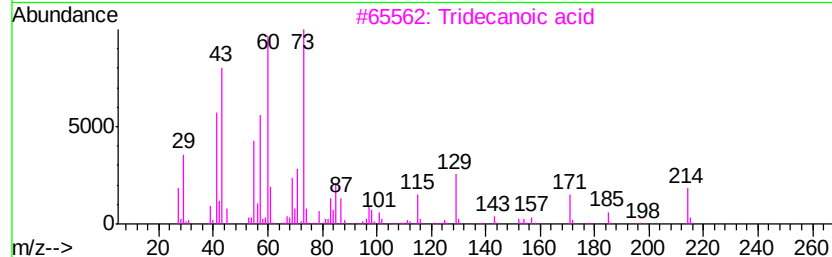
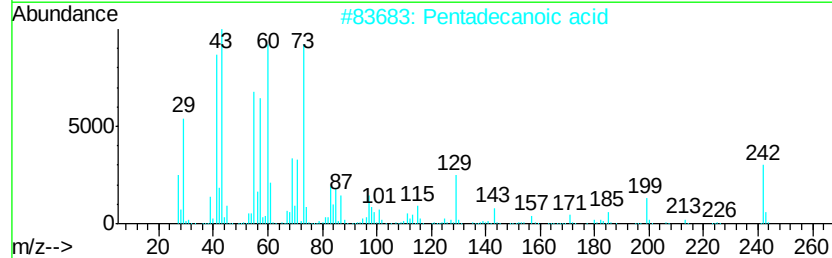
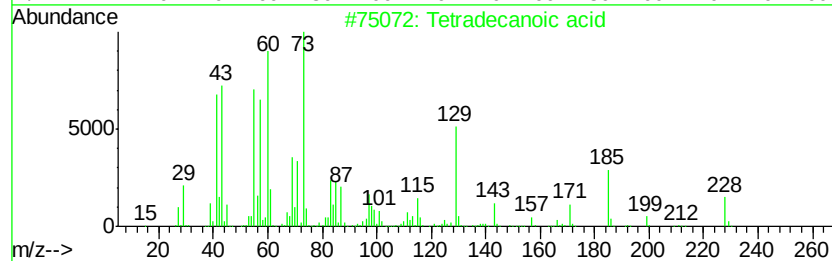
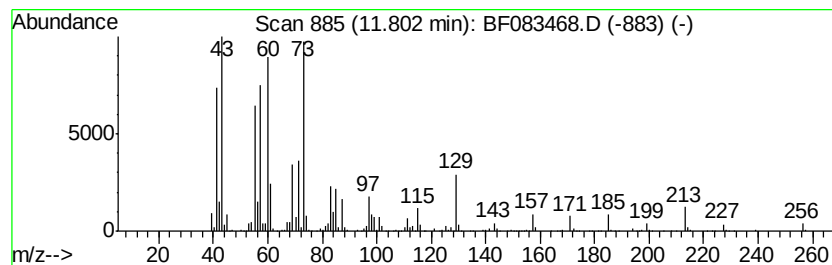
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	24.72 ng	1970160	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

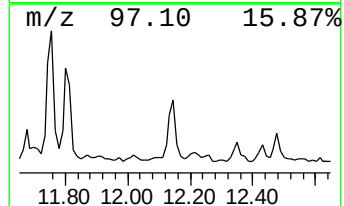
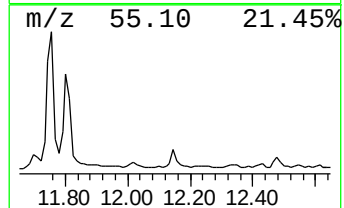
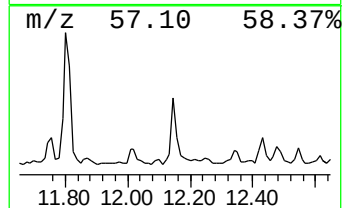
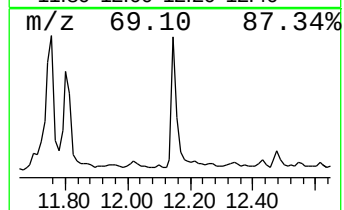
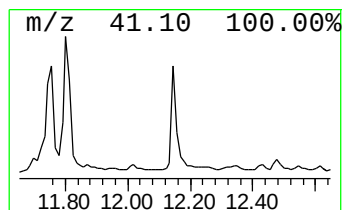
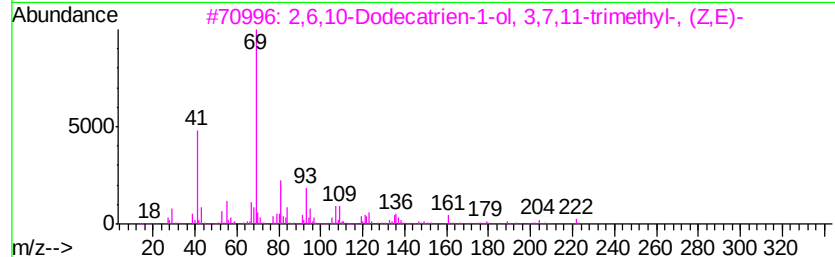
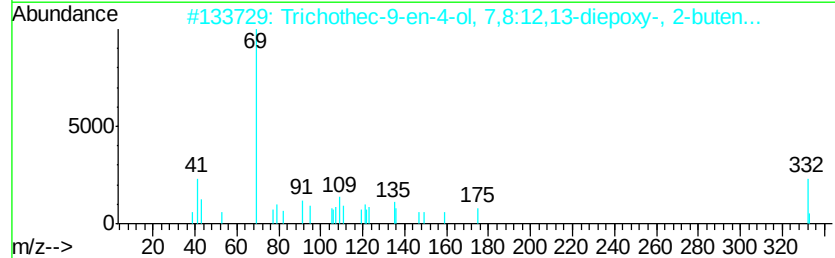
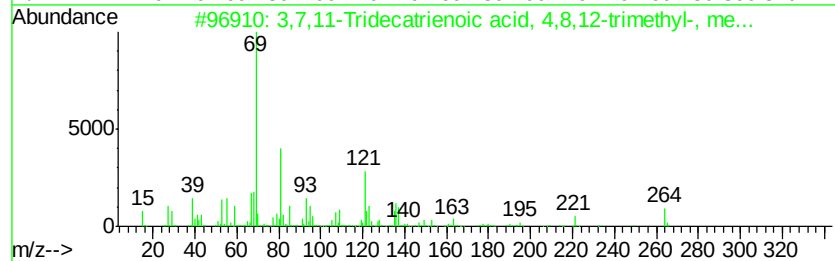
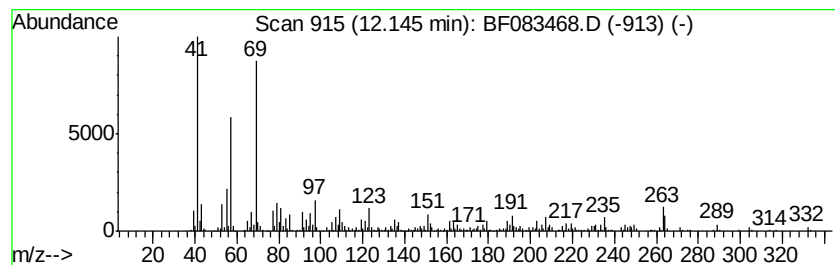
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 3,7,11-Tridecatricenoic acid... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	8.71 ng	694419	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,7,11-Tridecatricenoic acid, 4,8...	264	C17H28O2	036237-70-4	76
2		Trichothec-9-en-4-ol, 7,8:12,13-...	332	C19H24O5	021284-11-7	64
3		2,6,10-Dodecatricen-1-ol, 3,7,11-...	222	C15H26O	003790-71-4	53
4		4-Hexenenitrile, 2,5-dimethyl-2-...	191	C13H21N	069340-56-3	52
5		1,3-Dioxolan-2-one, 3-methyl-3-(...	264	C16H24O3	336879-76-6	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

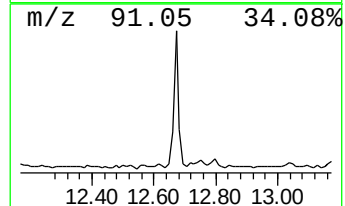
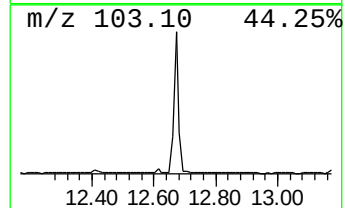
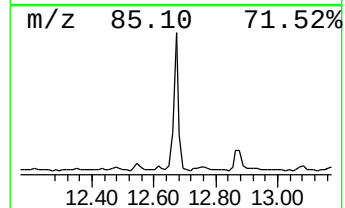
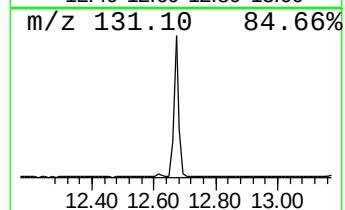
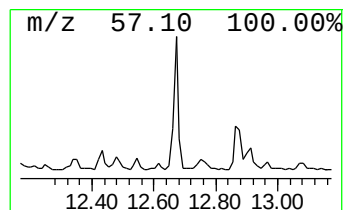
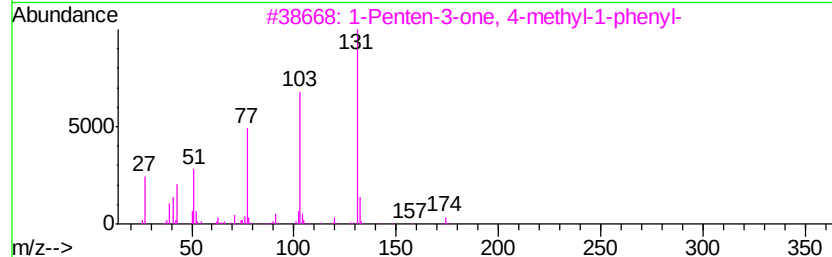
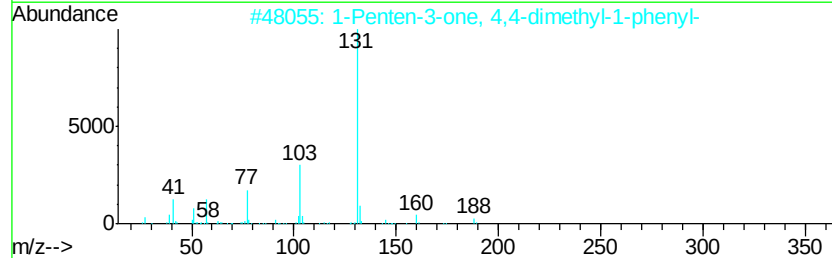
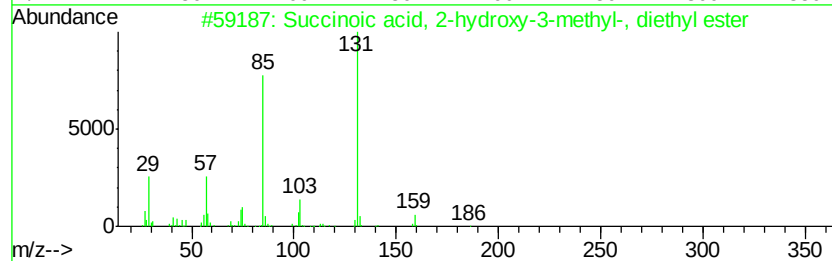
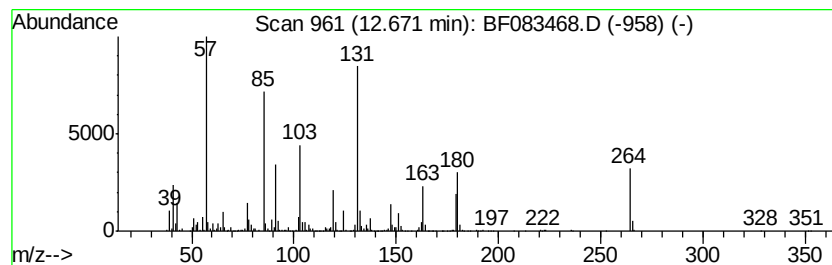
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown12.67 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	12.66 ng	1008710	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Succinic acid, 2-hydroxy-3-meth...	204	C9H16O5	1000196-85-6	35
2		1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	27
3		1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	27
4		Silane, ethoxytriethyl-	160	C8H20OSi	000597-67-1	27
5		2-Propenal, 3-(2-methoxyphenyl)-	162	C10H10O2	001504-74-1	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

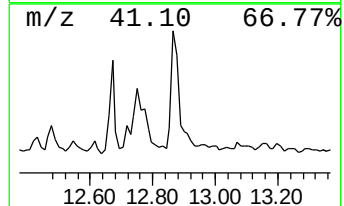
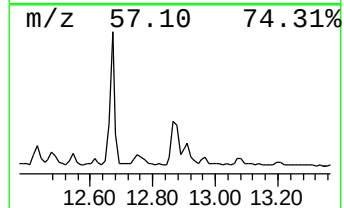
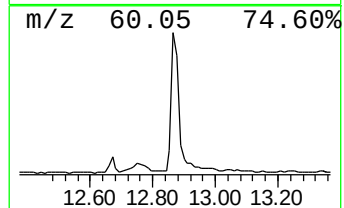
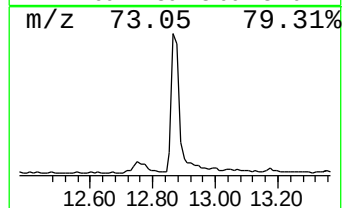
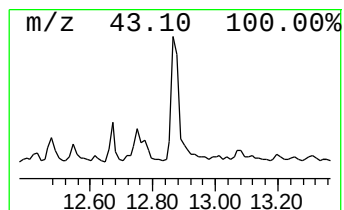
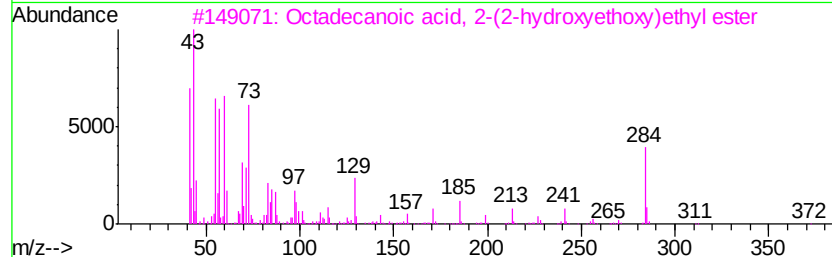
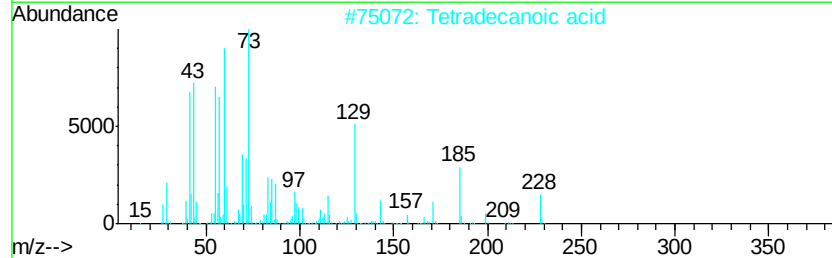
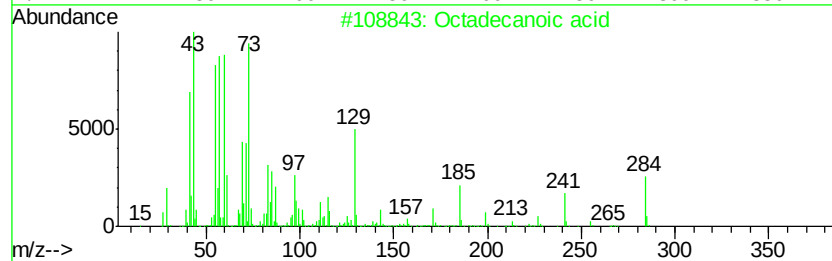
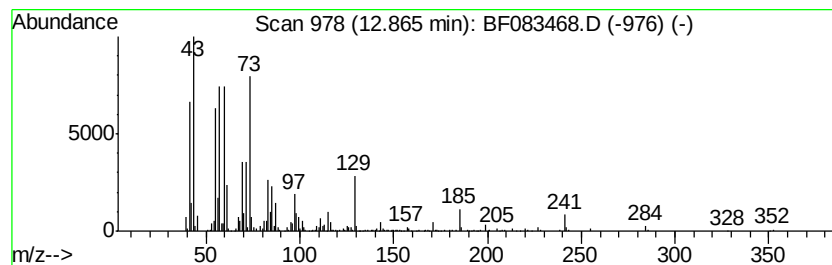
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	10.87 ng	866125	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
4		Tridecanoic acid	214	C13H26O2	000638-53-9	78
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

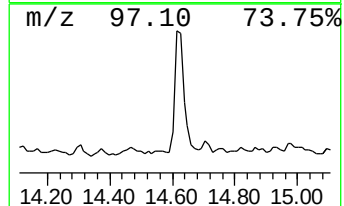
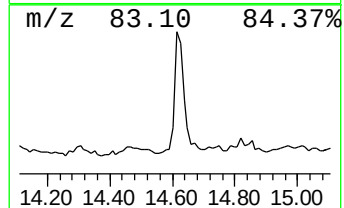
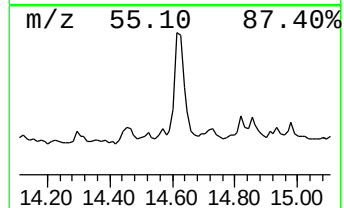
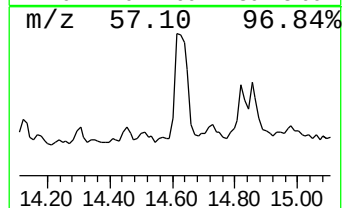
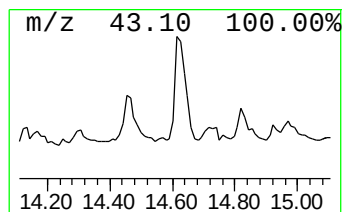
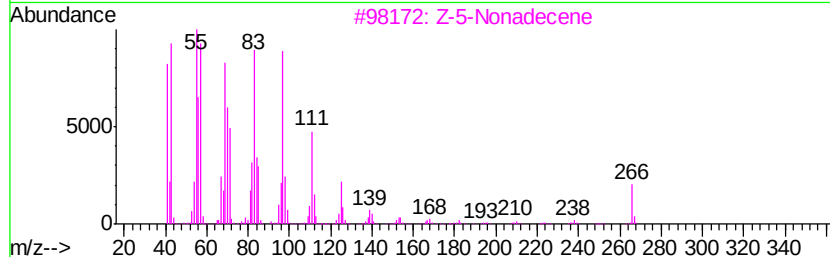
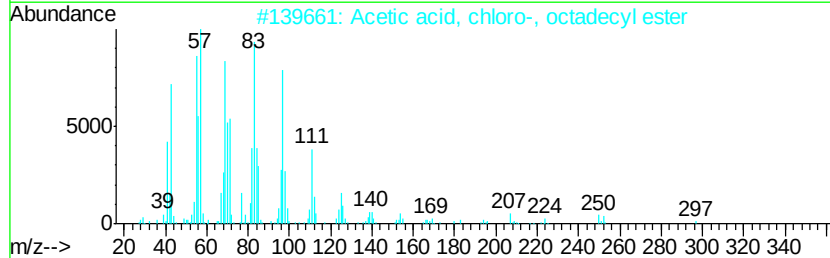
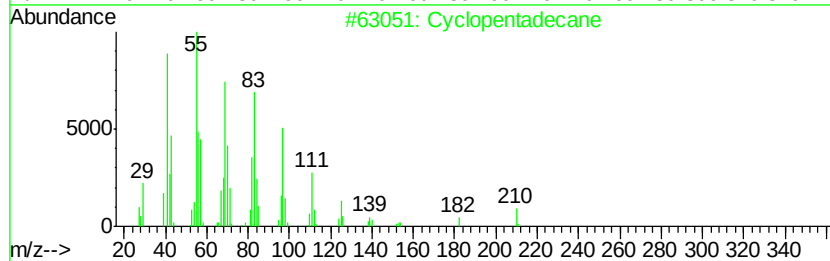
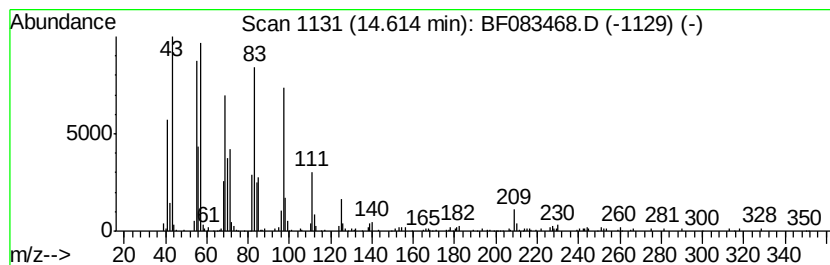
Instrument :
BNA_F
ClientSampleId :
K207-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Cyclopentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	8.25 ng	507090	Chrysene-d12	14.71
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentadecane	210 C15H30	000295-48-7 91
2		Acetic acid, chloro-, octadecyl ...	346 C20H39ClO2	005348-82-3 91
3		Z-5-Nonadecene	266 C19H38	1000131-11-8 91
4		Bromoacetic acid, hexadecyl ester	362 C18H35BrO2	005454-48-8 91
5		1-Tricosene	322 C23H46	018835-32-0 91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

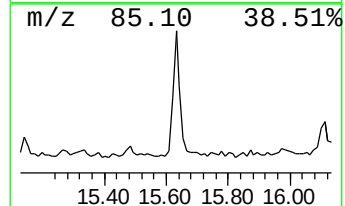
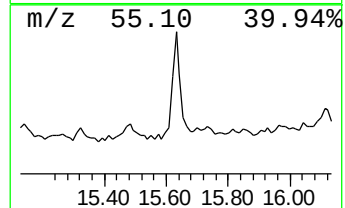
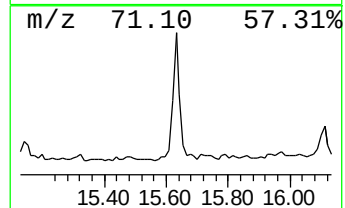
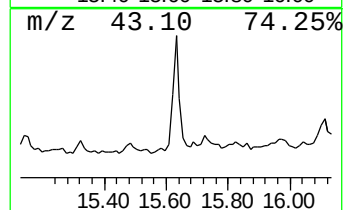
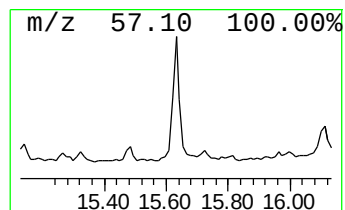
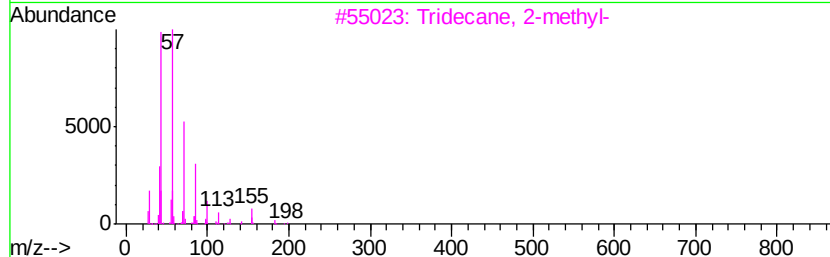
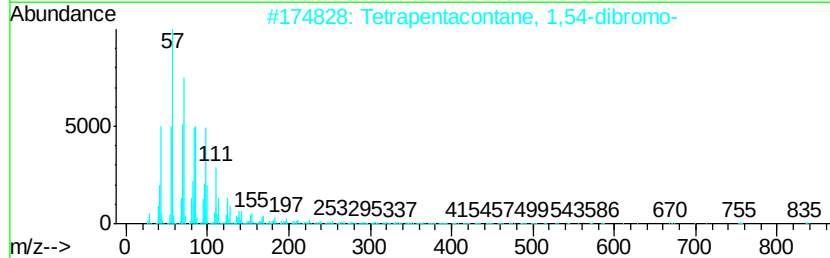
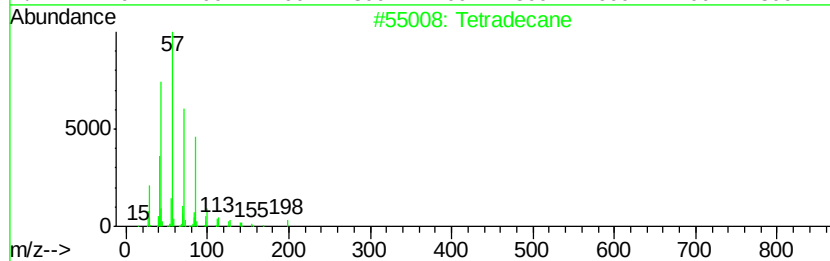
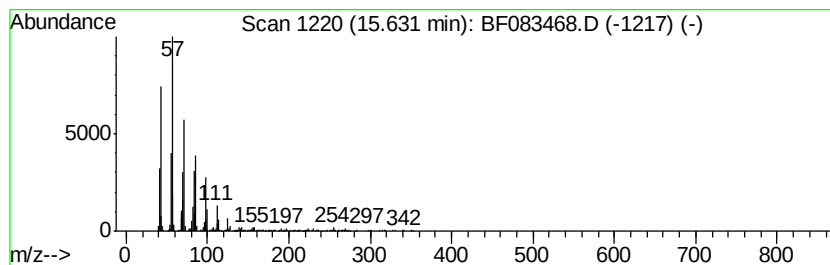
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	9.25 ng	568897	Chrysene-d12	14.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	92
2		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	91
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	70
4		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	58
5		Tridecane	184	C13H28	000629-50-5	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

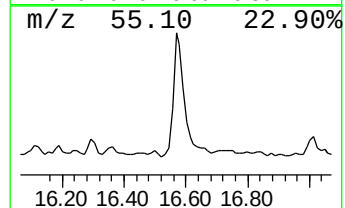
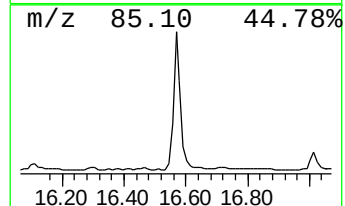
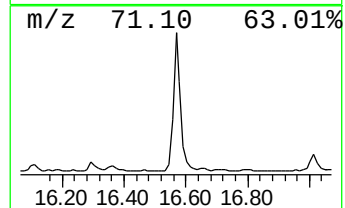
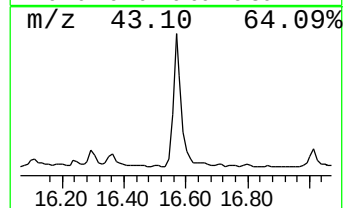
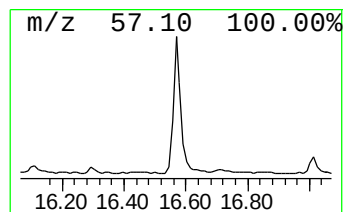
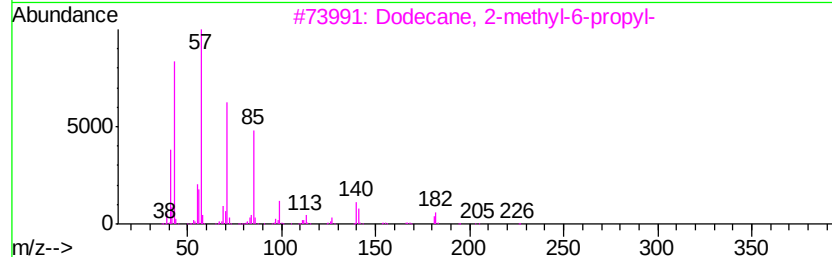
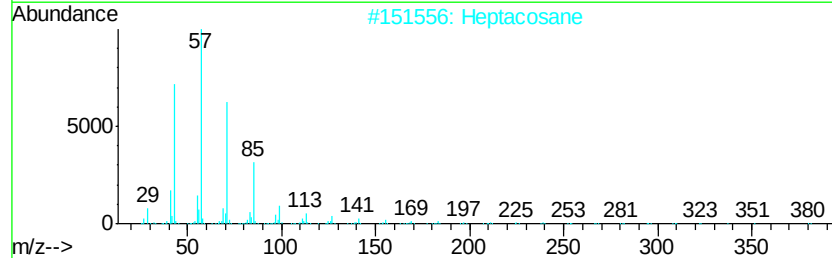
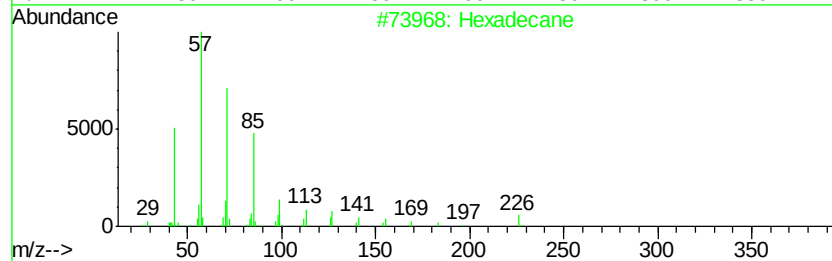
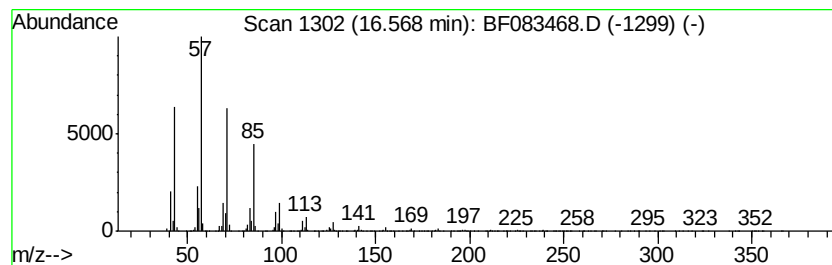
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	55.36 ng	2794130	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

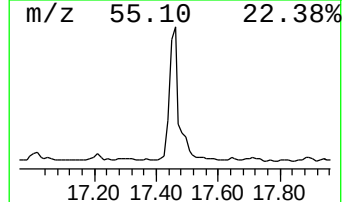
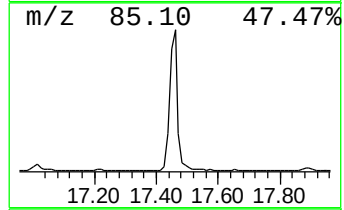
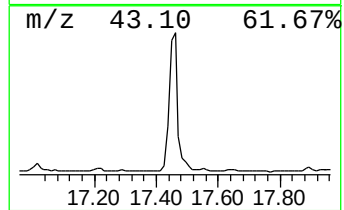
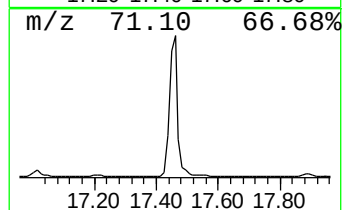
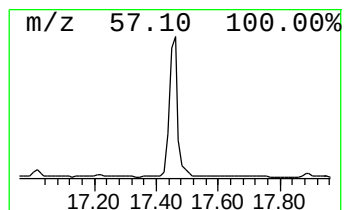
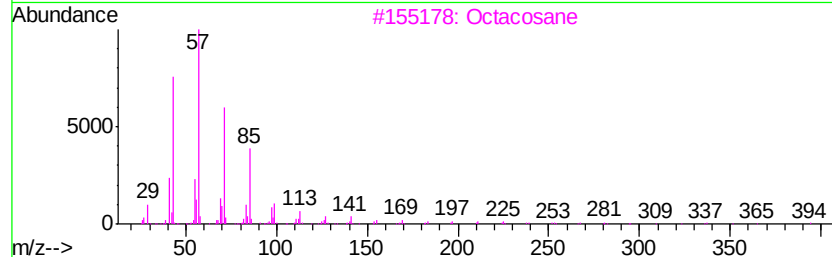
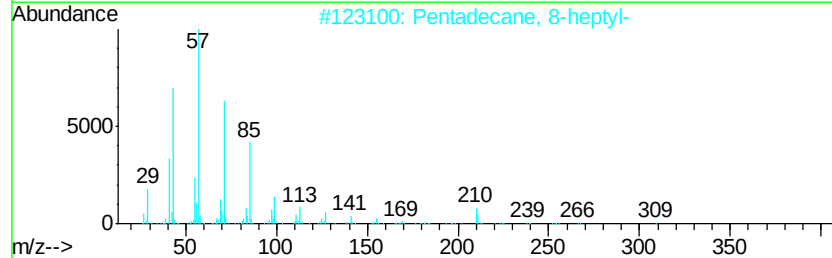
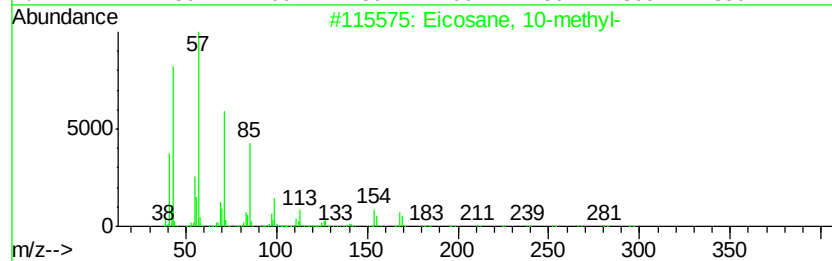
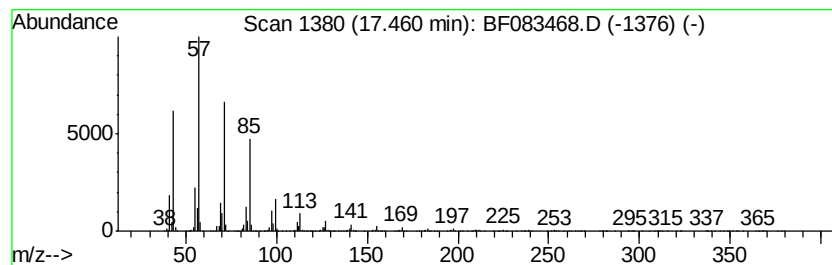
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Eicosane, 10-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	114.83 ng	5795380	Perylene-d12	16.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94	
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91	
3	Octacosane	394	C28H58	000630-02-4	91	
4	Heneicosane	296	C21H44	000629-94-7	90	
5	Tetratriacontane	479	C34H70	014167-59-0	87	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

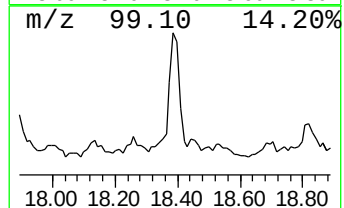
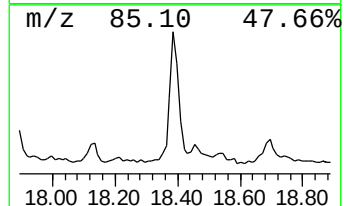
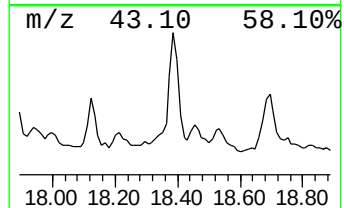
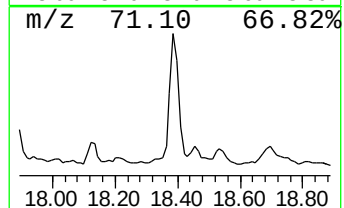
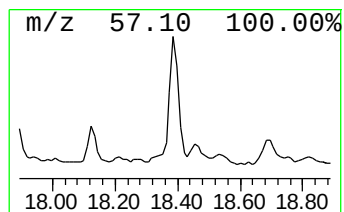
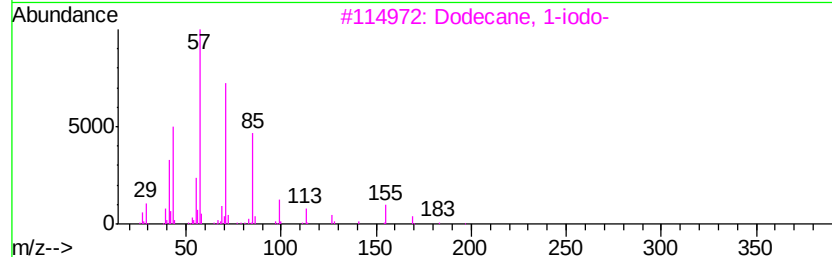
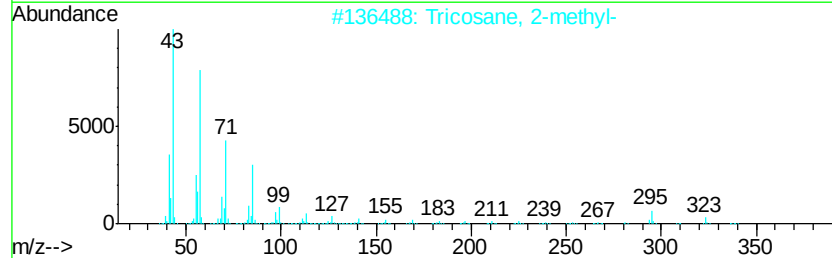
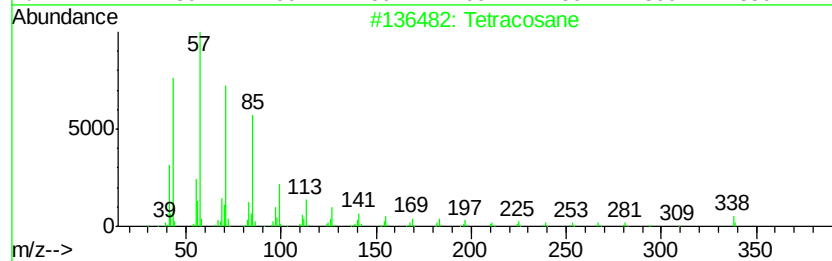
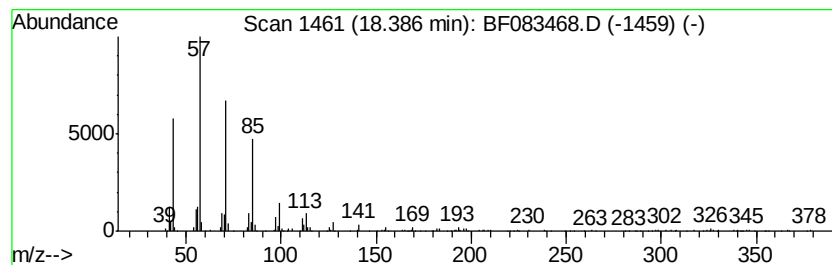
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	9.95 ng	502343	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	94
2		Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5		Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

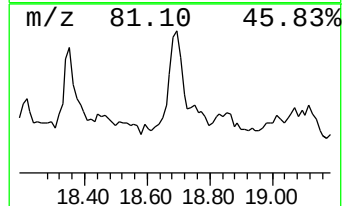
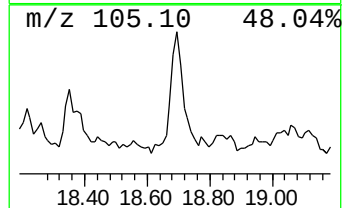
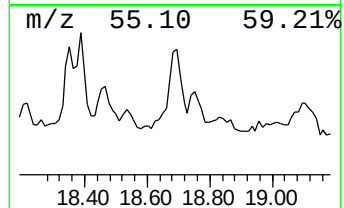
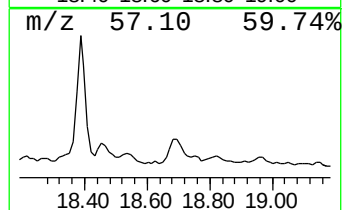
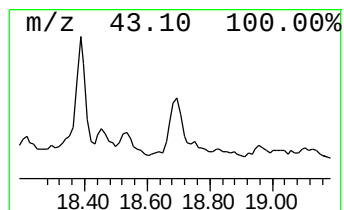
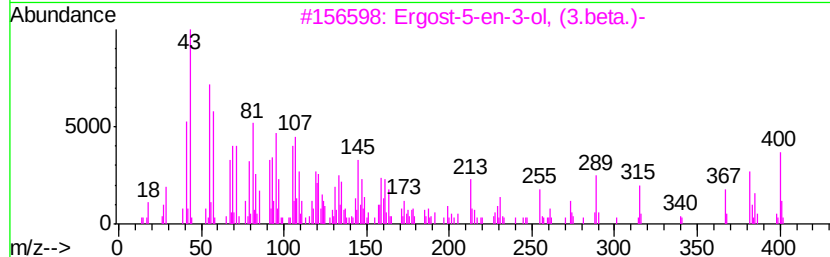
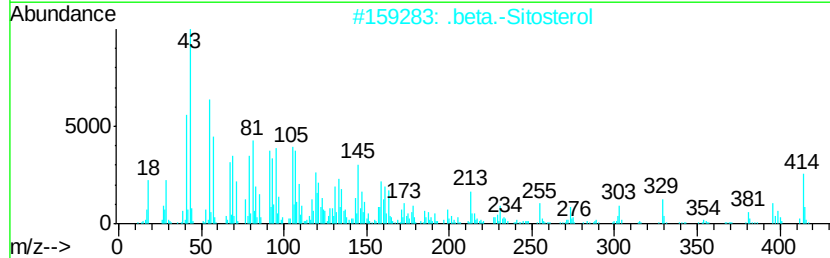
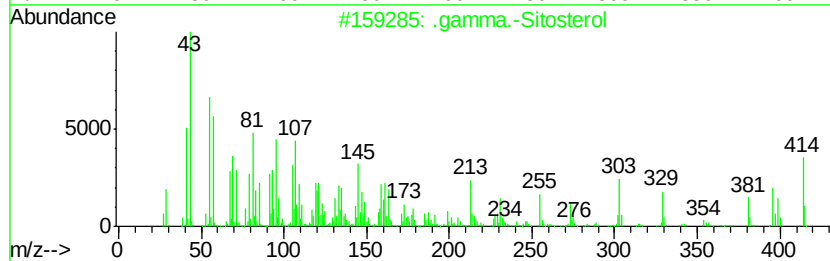
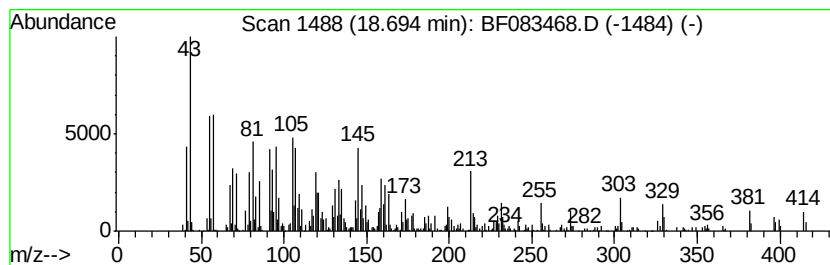
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 .gamma.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	15.46 ng	780418	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	98
3		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	62
4		Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	53
5		Campesterol	400	C28H48O	000474-62-4	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

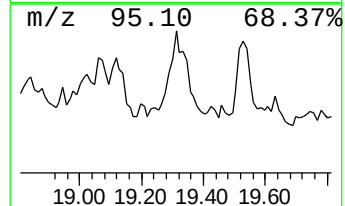
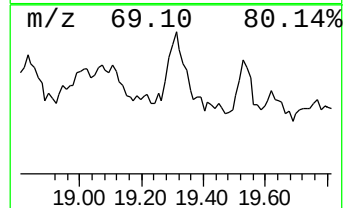
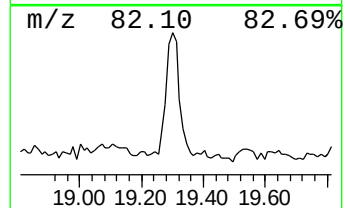
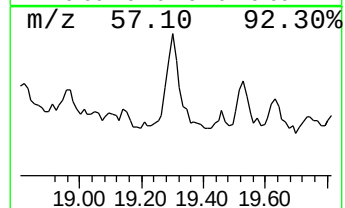
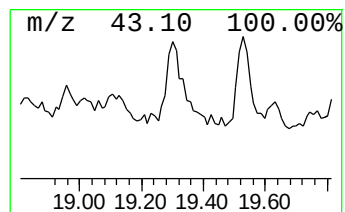
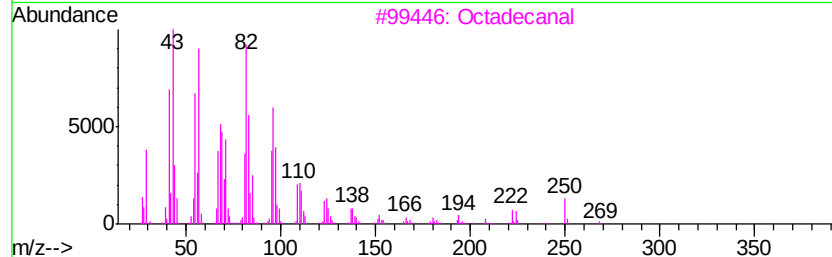
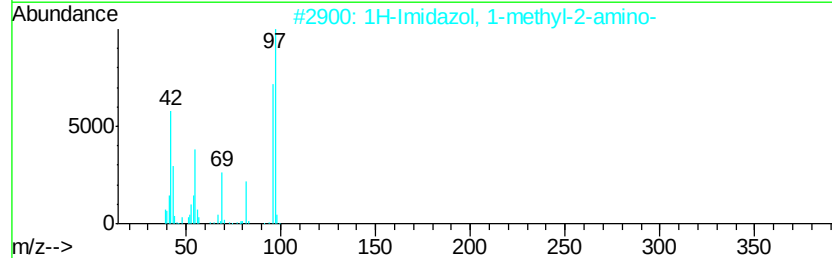
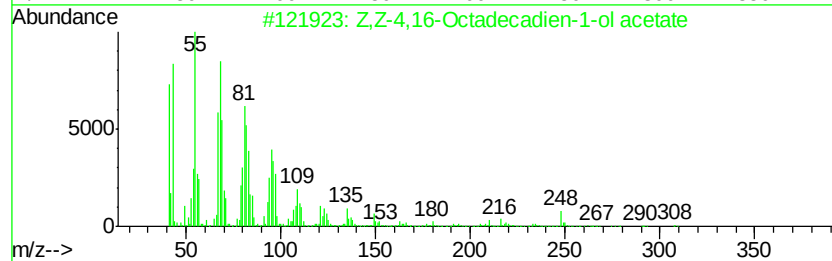
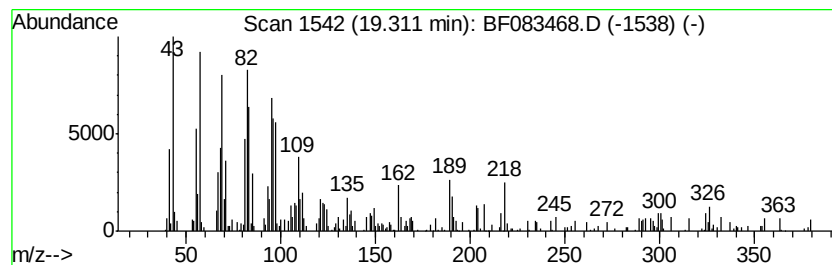
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Z,Z-4,16-Octadecadien-1-ol ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	12.97 ng	654470	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z,Z-4,16-Octadecadien-1-ol acetate	308	C20H36O2	1000130-95-7	53
2		1H-Imidazol, 1-methyl-2-amino-	97	C4H7N3	006646-51-1	47
3		Octadecanal	268	C18H36O	000638-66-4	41
4		13-Oxabicyclo[10.1.0]tridecane	182	C12H22O	000286-99-7	38
5		Z,E-2,13-Octadecadien-1-ol	266	C18H34O	1000131-10-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

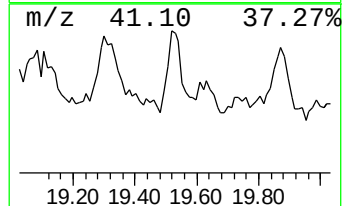
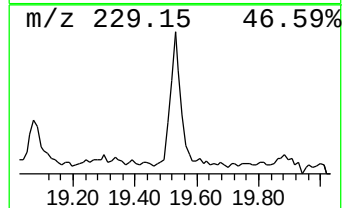
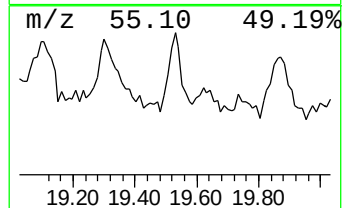
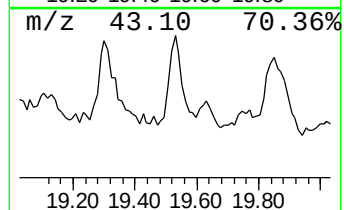
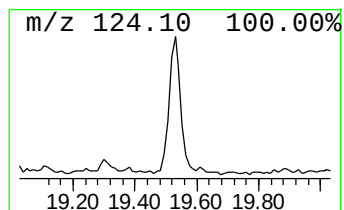
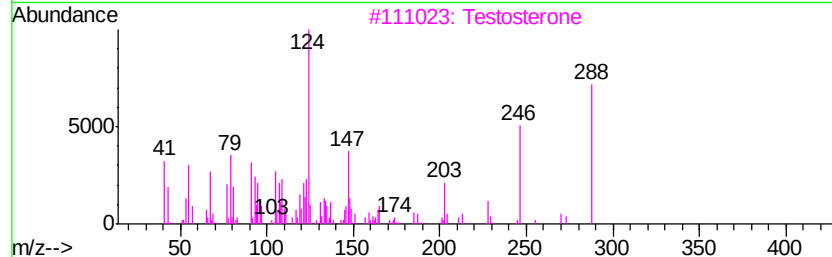
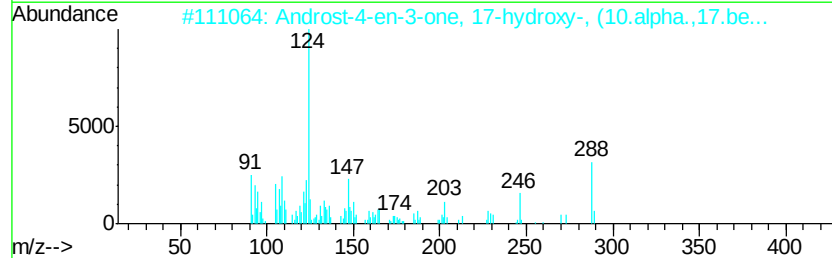
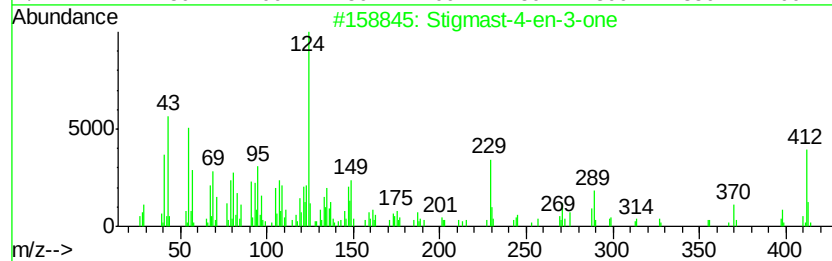
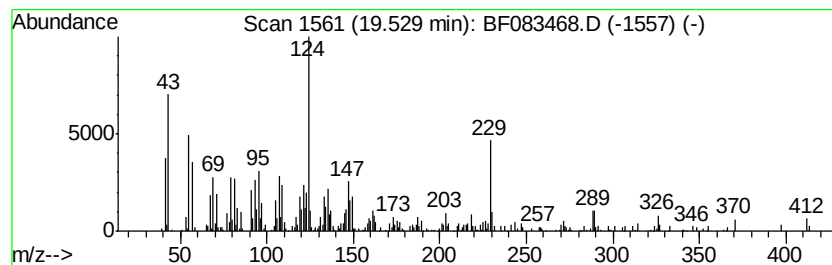
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Stigmast-4-en-3-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	10.29 ng	519170	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	93
2		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	78
3		Testosterone	288	C19H28O2	000058-22-0	78
4		Pregn-4-ene-3,20-dione, (8.alpha. ...	314	C21H30O2	003795-19-5	46
5		Pregn-4-ene-3,20-dione, (9.beta. ...	314	C21H30O2	002755-10-4	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083468.D
Acq On : 3 Dec 2015 19:18
Operator : UM/IZ
Sample : G4573-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K207-0-2

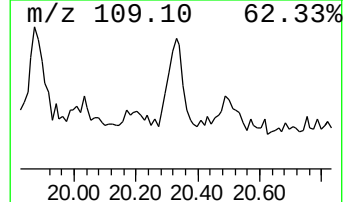
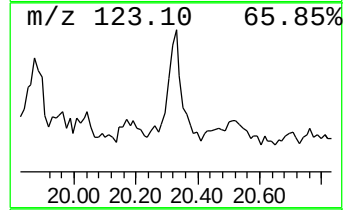
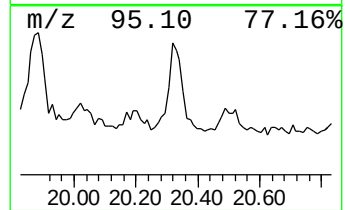
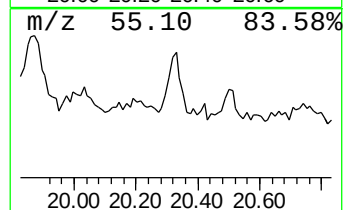
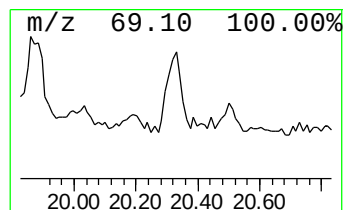
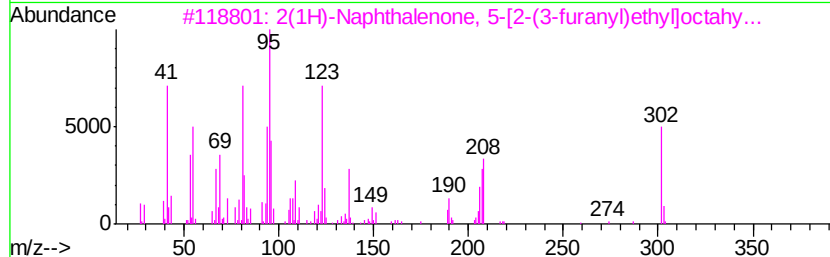
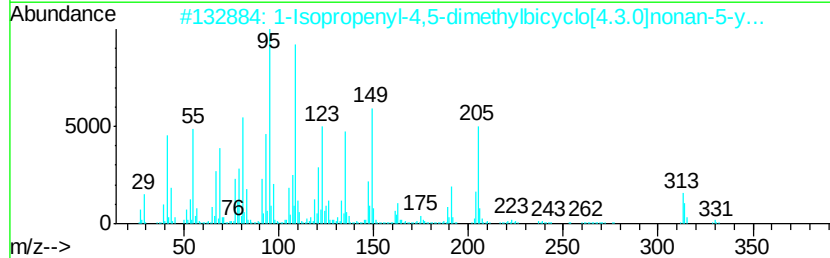
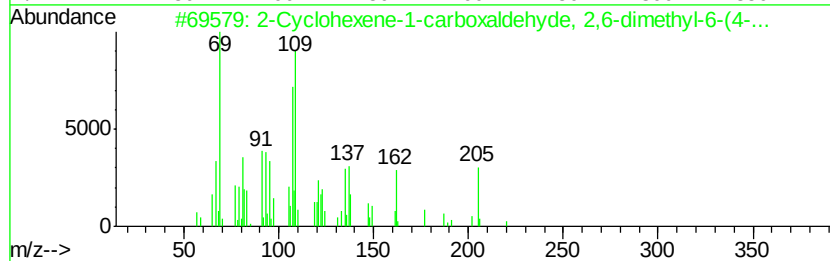
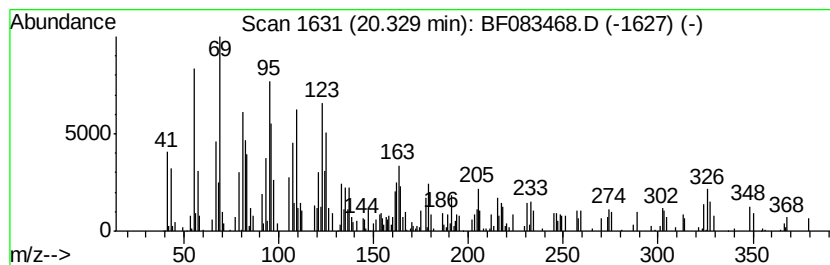
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 2-Cyclohexene-1-carboxaldeh... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.33	10.59 ng	534419	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexene-1-carboxaldehde, ...	220	C15H24O	056772-07-7	51
2		1-Isopropenyl-4,5-dimethylbicycl...	330	C21H30OS	1000195-85-4	27
3		2(1H)-Naphthalenone, 5-[2-(3-fur...	302	C20H30O2	059742-40-4	27
4		D-Homoandrostane, (5.alpha.,13.a...	274	C20H34	054482-31-4	27
5		p-Menthon-8-thiol	186	C10H18OS	033281-91-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083468.D
 Acq On : 3 Dec 2015 19:18
 Operator : UM/IZ
 Sample : G4573-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K207-0-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown2.84	2.84	13.9	ng	766024	1	6.52	1104530	20.0
unknown4.62	4.62	30.9	ng	1705640	1	6.52	1104530	20.0
unknown7.02	7.02	20.5	ng	1130700	1	6.52	1104530	20.0
unknown7.95	7.95	8.1	ng	598116	2	7.81	1486230	20.0
9-Hexadecenoic acid	11.76	20.4	ng	1630010	4	11.09	1594040	20.0
Tetradecanoic acid	11.80	24.7	ng	1970160	4	11.09	1594040	20.0
3,7,11-Tridecatri...	12.15	8.7	ng	694419	4	11.09	1594040	20.0
unknown12.67	12.67	12.7	ng	1008710	4	11.09	1594040	20.0
Octadecanoic acid	12.87	10.9	ng	866125	4	11.09	1594040	20.0
Cyclopentadecane	14.61	8.3	ng	507090	5	14.71	1229470	20.0
Tetradecane	15.63	9.3	ng	568897	5	14.71	1229470	20.0
Hexadecane	16.57	55.4	ng	2794130	6	16.77	1009430	20.0
Eicosane, 10-methyl-	17.46	114.8	ng	5795380	6	16.77	1009430	20.0
Tetracosane	18.39	9.9	ng	502343	6	16.77	1009430	20.0
.gamma.-Sitosterol	18.69	15.5	ng	780418	6	16.77	1009430	20.0
Z,Z-4,16-Octadeca...	19.31	13.0	ng	654470	6	16.77	1009430	20.0
Stigmast-4-en-3-one	19.53	10.3	ng	519170	6	16.77	1009430	20.0
2-Cyclohexene-1-c...	20.33	10.6	ng	534419	6	16.77	1009430	20.0